## Fig. 1

## **Local Client Components**

Firewall, Data Encryption, Logging, Intruder Detection, Web Browser, Virus Protection and Personal Identification

## Client Server Components

Firewall Server, Data Encryption Server Web Server, Proxy Server, Accounting & Logging Server, User Validation Server

## **Back Office Support Components**

Personal Purchasing ID Management, Real Time Fraud Management, User Account and Profile Management, Credit Card Management, Transaction Validation, Reporting Interface, Vendor Transaction & Validation, Order Processing, Etc.

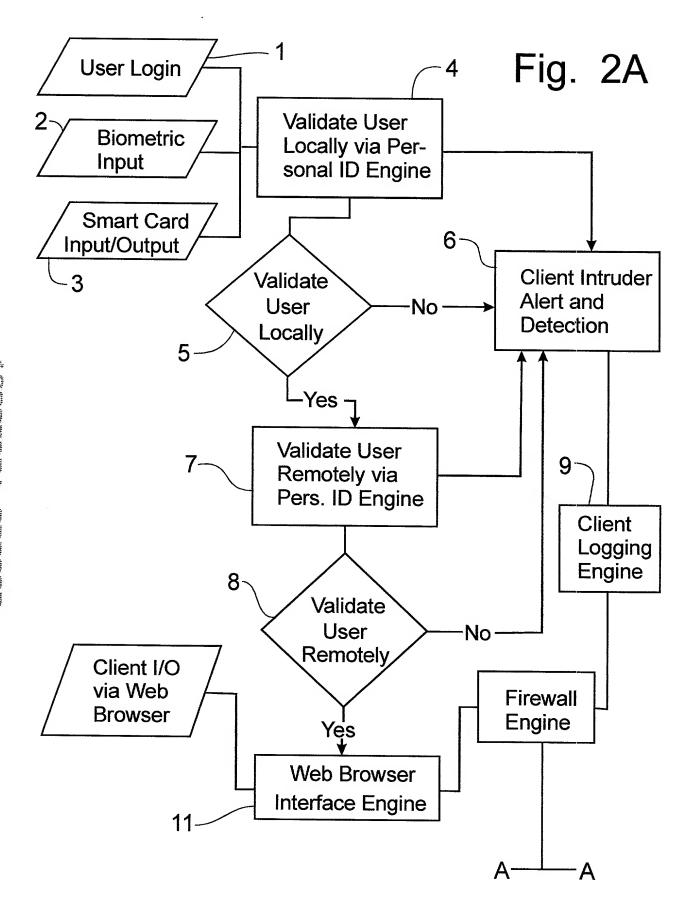


Fig. 2B

